

Appendix O

Leachate Testing Information

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renewing this agreement)

Leachate Testing Results

Veolia ES Emerald Park Landfill
Leachate Analytical Data
2007

CLIENT ID	DNR WELL ID NO.	TEST PARAMETER	RESULT	UNITS	QUALIFER	SAMPLE DATE
LeachateLiftStation	400	1,1,1,2-Tetrachloroethane	ND	ug/L		1/30/2007
LeachateLiftStation	400	1,1,1-Trichloroethane	ND	ug/L		1/30/2007
LeachateLiftStation	400	1,1,1-Trichloroethane	ND	ug/L		4/24/2007
LeachateLiftStation	400	1,1,1-Trichloroethane	ND	ug/L		7/12/2007
LeachateLiftStation	400	1,1,1-Trichloroethane	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	1,1,2,2-Tetrachloroethane	ND	ug/L		1/30/2007
LeachateLiftStation	400	1,1,2-Trichloroethane	ND	ug/L		1/30/2007
LeachateLiftStation	400	1,1,2-Trichloroethane	ND	ug/L		4/24/2007
LeachateLiftStation	400	1,1,2-Trichloroethane	ND	ug/L		7/12/2007
LeachateLiftStation	400	1,1,2-Trichloroethane	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	1,1-Dichloroethane	ND	ug/L		1/30/2007
LeachateLiftStation	400	1,1-Dichloroethane	ND	ug/L		4/24/2007
LeachateLiftStation	400	1,1-Dichloroethane	ND	ug/L		7/12/2007
LeachateLiftStation	400	1,1-Dichloroethane	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	1,1-Dichloroethylene	ND	ug/L		1/30/2007
LeachateLiftStation	400	1,1-Dichloroethylene	ND	ug/L		4/24/2007
LeachateLiftStation	400	1,1-Dichloroethylene	ND	ug/L		7/12/2007
LeachateLiftStation	400	1,1-Dichloroethylene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	1,2,4-Trichlorobenzene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	1,2,4-Trichlorobenzene	ND	ug/L		4/24/2007
LeachateLiftStation	400	1,2,4-Trichlorobenzene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	1,2-Dibromo-3-chloropropane	ND	ug/L		1/30/2007
LeachateLiftStation	400	1,2-Dibromo-3-chloropropane	ND	ug/L		4/24/2007
LeachateLiftStation	400	1,2-Dibromo-3-chloropropane	ND	ug/L		7/12/2007
LeachateLiftStation	400	1,2-Dibromo-3-chloropropane	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	1,2-Dibromoethane	ND	ug/L		1/30/2007
LeachateLiftStation	400	1,2-Dibromoethane	ND	ug/L		4/24/2007
LeachateLiftStation	400	1,2-Dibromoethane	ND	ug/L		7/12/2007
LeachateLiftStation	400	1,2-Dibromoethane	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	1,2-Dichlorobenzene	ND	ug/L		1/30/2007
LeachateLiftStation	400	1,2-Dichlorobenzene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	1,2-Dichlorobenzene	ND	ug/L		4/24/2007
LeachateLiftStation	400	1,2-Dichlorobenzene	ND	ug/L		7/12/2007
LeachateLiftStation	400	1,2-Dichlorobenzene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	1,2-Dichlorobenzene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	1,2-Dichloroethane	ND	ug/L		1/30/2007
LeachateLiftStation	400	1,2-Dichloroethane	ND	ug/L		4/24/2007
LeachateLiftStation	400	1,2-Dichloroethane	ND	ug/L		7/12/2007
LeachateLiftStation	400	1,2-Dichloroethane	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	1,2-Dichloropropane	ND	ug/L		1/30/2007
LeachateLiftStation	400	1,2-Dichloropropane	ND	ug/L		4/24/2007
LeachateLiftStation	400	1,2-Dichloropropane	ND	ug/L		7/12/2007
LeachateLiftStation	400	1,2-Dichloropropane	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	1,2-Diphenyl Hydrazine	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	1,3-Dichlorobenzene	ND	ug/L		1/30/2007
LeachateLiftStation	400	1,3-Dichlorobenzene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	1,3-Dichlorobenzene	ND	ug/L		4/24/2007
LeachateLiftStation	400	1,3-Dichlorobenzene	ND	ug/L	LCL	4/24/2007
LeachateLiftStation	400	1,3-Dichlorobenzene	4.48	ug/L	J	7/12/2007
LeachateLiftStation	400	1,3-Dichlorobenzene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	1,3-Dichlorobenzene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	1,3-Dichloropropylene (total)	ND	ug/L		1/30/2007
LeachateLiftStation	400	1,4-Dichlorobenzene	12.1	ug/L	J	1/30/2007
LeachateLiftStation	400	1,4-Dichlorobenzene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	1,4-Dichlorobenzene	ND	ug/L		4/24/2007
LeachateLiftStation	400	1,4-Dichlorobenzene	ND	ug/L		4/24/2007
LeachateLiftStation	400	1,4-Dichlorobenzene	ND	ug/L		7/12/2007
LeachateLiftStation	400	1,4-Dichlorobenzene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	1,4-Dichlorobenzene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	1-Methylnaphthalene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	1-Methylnaphthalene	ND	ug/L		4/24/2007
LeachateLiftStation	400	1-Methylnaphthalene	ND	ug/L	NT	10/18/2007

Veolia ES Emerald Park Landfill
Leachate Analytical Data
2007

CLIENT ID	DNR WELL ID NO.	TEST PARAMETER	RESULT	UNITS	QUALIFIER	SAMPLE DATE
LeachateLiftStation	400	2,3,4,6-Tetrachlorophenol	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	2,3,4,6-Tetrachlorophenol	ND	ug/L		4/24/2007
LeachateLiftStation	400	2,3,4,6-Tetrachlorophenol	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	2,4,5-Trichlorophenol	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	2,4,5-Trichlorophenol	ND	ug/L		4/24/2007
LeachateLiftStation	400	2,4,5-Trichlorophenol	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	2,4,6-Trichlorophenol	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	2,4,6-Trichlorophenol	ND	ug/L		4/24/2007
LeachateLiftStation	400	2,4,6-Trichlorophenol	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	2,4-Dichlorophenol	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	2,4-Dichlorophenol	ND	ug/L		4/24/2007
LeachateLiftStation	400	2,4-Dichlorophenol	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	2,4-Dimethylphenol	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	2,4-Dimethylphenol	ND	ug/L		4/24/2007
LeachateLiftStation	400	2,4-Dimethylphenol	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	2,4-Dinitrophenol	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	2,4-Dinitrophenol	ND	ug/L		4/24/2007
LeachateLiftStation	400	2,4-Dinitrophenol	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	2,4-Dinitrotoluene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	2,4-Dinitrotoluene	ND	ug/L		4/24/2007
LeachateLiftStation	400	2,4-Dinitrotoluene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	2,6-Dinitrotoluene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	2,6-Dinitrotoluene	ND	ug/L	LCL	4/24/2007
LeachateLiftStation	400	2,6-Dinitrotoluene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	2-Chloroethyl Vinyl Ether	ND	ug/L		1/30/2007
LeachateLiftStation	400	2-Chloronaphthalene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	2-Chloronaphthalene	ND	ug/L		4/24/2007
LeachateLiftStation	400	2-Chloronaphthalene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	2-Chlorophenol	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	2-Chlorophenol	ND	ug/L	LCL	4/24/2007
LeachateLiftStation	400	2-Chlorophenol	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	2-Methyl-4,6-dinitrophenol	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	2-Methyl-4,6-dinitrophenol	ND	ug/L		4/24/2007
LeachateLiftStation	400	2-Methyl-4,6-dinitrophenol	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	2-Methylnaphthalene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	2-Methylnaphthalene	ND	ug/L		4/24/2007
LeachateLiftStation	400	2-Methylnaphthalene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	2-Methylphenol	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	2-Methylphenol	ND	ug/L		4/24/2007
LeachateLiftStation	400	2-Methylphenol	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	2-Nitroaniline	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	2-Nitroaniline	ND	ug/L		4/24/2007
LeachateLiftStation	400	2-Nitroaniline	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	2-Nitrophenol	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	2-Nitrophenol	ND	ug/L		4/24/2007
LeachateLiftStation	400	2-Nitrophenol	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	3 & 4-Methylphenol (m&p-Cresol)	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	3 & 4-Methylphenol (m&p-Cresol)	ND	ug/L		4/24/2007
LeachateLiftStation	400	3 & 4-Methylphenol (m&p-Cresol)	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	3,3'-Dichlorobenzidine	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	3,3'-Dichlorobenzidine	ND	ug/L		4/24/2007
LeachateLiftStation	400	3,3'-Dichlorobenzidine	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	3-Nitroaniline	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	3-Nitroaniline	ND	ug/L		4/24/2007
LeachateLiftStation	400	3-Nitroaniline	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	4-Bromophenyl phenyl ether	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	4-Bromophenyl phenyl ether	ND	ug/L		4/24/2007
LeachateLiftStation	400	4-Bromophenyl phenyl ether	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	4-Chloro-3-methylphenol	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	4-Chloro-3-methylphenol	ND	ug/L		4/24/2007
LeachateLiftStation	400	4-Chloro-3-methylphenol	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	4-Chlorophenyl phenyl ether	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	4-Chlorophenyl phenyl ether	ND	ug/L		4/24/2007
LeachateLiftStation	400	4-Chlorophenyl phenyl ether	ND	ug/L	NT	10/18/2007

Veolia ES Emerald Park Landfill
Leachate Analytical Data
2007

CLIENT ID	DNR WELL ID NO.	TEST PARAMETER	RESULT	UNITS	QUALIFER	SAMPLE DATE
LeachateLiftStation	400	4-Nitroaniline	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	4-Nitroaniline	ND	ug/L		4/24/2007
LeachateLiftStation	400	4-Nitroaniline	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	4-Nitrophenol	ND	ug/L	CSH, PN	1/30/2007
LeachateLiftStation	400	4-Nitrophenol	ND	ug/L		4/24/2007
LeachateLiftStation	400	4-Nitrophenol	ND	ug/L	CSL, NT	10/18/2007
LeachateLiftStation	400	Acenaphthene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Acenaphthene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Acenaphthene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Acenaphthylene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Acenaphthylene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Acenaphthylene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Acetone	12400	ug/L	J	1/30/2007
LeachateLiftStation	400	Acetone	2410	ug/L		4/24/2007
LeachateLiftStation	400	Acetone	642	ug/L		7/12/2007
LeachateLiftStation	400	Acetone	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Acetophenone	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Acetophenone	ND	ug/L		4/24/2007
LeachateLiftStation	400	Acetophenone	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Acrolein	ND	ug/L		1/30/2007
LeachateLiftStation	400	Acrylonitrile	ND	ug/L		1/30/2007
LeachateLiftStation	400	Alkalinity as CaCO3	1360	mg/L		1/30/2007
LeachateLiftStation	400	Alkalinity as CaCO3	3590	mg/L		4/24/2007
LeachateLiftStation	400	Alkalinity as CaCO3	4720	mg/L		7/12/2007
LeachateLiftStation	400	Alkalinity as CaCO3	4370	mg/L		10/18/2007
LeachateLiftStation	400	Ammonia as N	410	mg/L	P	4/24/2007
LeachateLiftStation	400	Ammonia as N	772	mg/L	P	10/18/2007
LeachateLiftStation	400	Anthracene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Anthracene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Anthracene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Antimony	30.3	ug/L		1/30/2007
LeachateLiftStation	400	Arsenic	39.1	ug/L		1/30/2007
LeachateLiftStation	400	Arsenic	46.7	ug/L		4/24/2007
LeachateLiftStation	400	Arsenic	126	ug/L		7/12/2007
LeachateLiftStation	400	Arsenic	122	ug/L		10/18/2007
LeachateLiftStation	400	Barium	214	ug/L		10/18/2007
LeachateLiftStation	400	Benzene	9.48	ug/L		1/30/2007
LeachateLiftStation	400	Benzene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Benzene	3.19	ug/L	J	7/12/2007
LeachateLiftStation	400	Benzene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Benzidine	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Benzo(a)anthracene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Benzo(a)anthracene	ND	ug/L	LCL	4/24/2007
LeachateLiftStation	400	Benzo(a)anthracene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Benzo[a]pyrene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Benzo[a]pyrene	ND	ug/L	LCL	4/24/2007
LeachateLiftStation	400	Benzo[a]pyrene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Benzo[b]fluoranthene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Benzo[b]fluoranthene	ND	ug/L	LCL	4/24/2007
LeachateLiftStation	400	Benzo[b]fluoranthene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Benzo[g,h,i]perylene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Benzo[g,h,i]perylene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Benzo[g,h,i]perylene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Benzo[k]fluoranthene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Benzo[k]fluoranthene	ND	ug/L	LCL	4/24/2007
LeachateLiftStation	400	Benzo[k]fluoranthene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Benzyl alcohol	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Benzyl alcohol	ND	ug/L		4/24/2007
LeachateLiftStation	400	Benzyl alcohol	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Beryllium	0.95	ug/L	J	1/30/2007
LeachateLiftStation	400	Biochemical Oxygen Demand	>1000	mg/L		1/30/2007
LeachateLiftStation	400	Biochemical Oxygen Demand	ND	mg/L	SCF	4/24/2007
LeachateLiftStation	400	Biochemical Oxygen Demand	ND	mg/L	DWF	7/12/2007
LeachateLiftStation	400	Biochemical Oxygen Demand	189	mg/L	HT	7/12/2007
LeachateLiftStation	400	Biochemical Oxygen Demand	124	mg/L		10/18/2007

Veolia ES Emerald Park Landfill
Leachate Analytical Data
2007

CLIENT ID	DNR WELL ID NO.	TEST PARAMETER	RESULT	UNITS	QUALIFER	SAMPLE DATE
LeachateLiftStation	400	bis(2-Chloroethoxy)methane	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	bis(2-Chloroethoxy)methane	ND	ug/L		4/24/2007
LeachateLiftStation	400	bis(2-Chloroethoxy)methane	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	bis(2-Chloroethyl)ether	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	bis(2-Chloroethyl)ether	ND	ug/L		4/24/2007
LeachateLiftStation	400	bis(2-Chloroethyl)ether	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	bis(2-Chloroisopropyl)ether	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	bis(2-Chloroisopropyl)ether	ND	ug/L		4/24/2007
LeachateLiftStation	400	bis(2-Chloroisopropyl)ether	ND	ug/L	CSL, NT	10/18/2007
LeachateLiftStation	400	bis(2-Ethylhexyl)phthalate	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	bis(2-Ethylhexyl)phthalate	ND	ug/L		4/24/2007
LeachateLiftStation	400	bis(2-Ethylhexyl)phthalate	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Boron	14500	ug/L		4/24/2007
LeachateLiftStation	400	Boron	15900	ug/L		10/18/2007
LeachateLiftStation	400	Bromodichloromethane	ND	ug/L		1/30/2007
LeachateLiftStation	400	Bromodichloromethane	ND	ug/L		4/24/2007
LeachateLiftStation	400	Bromodichloromethane	ND	ug/L		7/12/2007
LeachateLiftStation	400	Bromodichloromethane	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Bromoform	ND	ug/L		1/30/2007
LeachateLiftStation	400	Bromoform	ND	ug/L		4/24/2007
LeachateLiftStation	400	Bromoform	ND	ug/L		7/12/2007
LeachateLiftStation	400	Bromoform	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Bromomethane	ND	ug/L	S2L	1/30/2007
LeachateLiftStation	400	Bromomethane	ND	ug/L		4/24/2007
LeachateLiftStation	400	Bromomethane	ND	ug/L		7/12/2007
LeachateLiftStation	400	Bromomethane	126	ug/L	PN, MB, J	10/18/2007
LeachateLiftStation	400	Butylbenzylphthalate	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Butylbenzylphthalate	ND	ug/L		4/24/2007
LeachateLiftStation	400	Butylbenzylphthalate	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Cadmium	ND	ug/L		4/24/2007
LeachateLiftStation	400	Cadmium	ND	ug/L		10/18/2007
LeachateLiftStation	400	Carbon Disulfide	2.16	ug/L	J	1/30/2007
LeachateLiftStation	400	Carbon Disulfide	ND	ug/L		4/24/2007
LeachateLiftStation	400	Carbon Disulfide	11.5	ug/L	J	7/12/2007
LeachateLiftStation	400	Carbon Disulfide	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Carbon Tetrachloride	ND	ug/L		1/30/2007
LeachateLiftStation	400	Carbon Tetrachloride	ND	ug/L		4/24/2007
LeachateLiftStation	400	Carbon Tetrachloride	ND	ug/L		7/12/2007
LeachateLiftStation	400	Carbon Tetrachloride	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Chemical Oxygen Demand	2840	mg/L		1/30/2007
LeachateLiftStation	400	Chemical Oxygen Demand	1560	mg/L		4/24/2007
LeachateLiftStation	400	Chemical Oxygen Demand	2400	mg/L		7/12/2007
LeachateLiftStation	400	Chemical Oxygen Demand	1810	mg/L		10/18/2007
LeachateLiftStation	400	Chloride	54.2	mg/L		1/30/2007
LeachateLiftStation	400	Chloride	1510	mg/L		4/24/2007
LeachateLiftStation	400	Chloride	2200	mg/L		7/12/2007
LeachateLiftStation	400	Chloride	1840	mg/L		10/18/2007
LeachateLiftStation	400	Chlorobenzene	ND	ug/L		1/30/2007
LeachateLiftStation	400	Chlorobenzene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Chlorobenzene	ND	ug/L		7/12/2007
LeachateLiftStation	400	Chlorobenzene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Chloroethane	40.4	ug/L		1/30/2007
LeachateLiftStation	400	Chloroethane	ND	ug/L		4/24/2007
LeachateLiftStation	400	Chloroethane	ND	ug/L		7/12/2007
LeachateLiftStation	400	Chloroethane	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Chloroform	ND	ug/L		1/30/2007
LeachateLiftStation	400	Chloroform	ND	ug/L		4/24/2007
LeachateLiftStation	400	Chloroform	ND	ug/L		7/12/2007
LeachateLiftStation	400	Chloroform	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Chloromethane	ND	ug/L		1/30/2007
LeachateLiftStation	400	Chloromethane	ND	ug/L		4/24/2007
LeachateLiftStation	400	Chloromethane	ND	ug/L		7/12/2007
LeachateLiftStation	400	Chloromethane	ND	ug/L	PN	10/18/2007

Veolia ES Emerald Park Landfill
Leachate Analytical Data
2007

CLIENT ID	DNR WELL ID NO.	TEST PARAMETER	RESULT	UNITS	QUALIFER	SAMPLE DATE
LeachateLiftStation	400	Chromium	104	ug/L		4/24/2007
LeachateLiftStation	400	Chromium	145	ug/L		10/18/2007
LeachateLiftStation	400	Chrysene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Chrysene	ND	ug/L	LCL	4/24/2007
LeachateLiftStation	400	Chrysene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	cis-1,2-Dichloroethylene	ND	ug/L		1/30/2007
LeachateLiftStation	400	cis-1,2-Dichloroethylene	ND	ug/L		4/24/2007
LeachateLiftStation	400	cis-1,2-Dichloroethylene	ND	ug/L		7/12/2007
LeachateLiftStation	400	cis-1,2-Dichloroethylene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	cis-1,3-Dichloropropylene	ND	ug/L		1/30/2007
LeachateLiftStation	400	cis-1,3-Dichloropropylene	ND	ug/L		4/24/2007
LeachateLiftStation	400	cis-1,3-Dichloropropylene	ND	ug/L		7/12/2007
LeachateLiftStation	400	cis-1,3-Dichloropropylene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Copper	28.6	ug/L		4/24/2007
LeachateLiftStation	400	Copper	1.21	mg/L		10/18/2007
LeachateLiftStation	400	Cyanide	0.980	mg/L		10/18/2007
LeachateLiftStation	400	Dibenz[a,h]anthracene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Dibenz[a,h]anthracene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Dibenz[a,h]anthracene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Dibenzofuran	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Dibenzofuran	ND	ug/L		4/24/2007
LeachateLiftStation	400	Dibenzofuran	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Dibromochloromethane	ND	ug/L		1/30/2007
LeachateLiftStation	400	Dibromochloromethane	ND	ug/L		4/24/2007
LeachateLiftStation	400	Dibromochloromethane	ND	ug/L		7/12/2007
LeachateLiftStation	400	Dibromochloromethane	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Dibromomethane	ND	ug/L		1/30/2007
LeachateLiftStation	400	Dibromomethane	ND	ug/L		4/24/2007
LeachateLiftStation	400	Dibromomethane	ND	ug/L		7/12/2007
LeachateLiftStation	400	Dibromomethane	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Dichlorodifluoromethane	ND	ug/L	CSL	1/30/2007
LeachateLiftStation	400	Dichlorodifluoromethane	ND	ug/L		4/24/2007
LeachateLiftStation	400	Dichlorodifluoromethane	ND	ug/L		7/12/2007
LeachateLiftStation	400	Dichlorodifluoromethane	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Diethylphthalate	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Diethylphthalate	ND	ug/L		4/24/2007
LeachateLiftStation	400	Diethylphthalate	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Dimethylphthalate	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Dimethylphthalate	ND	ug/L		4/24/2007
LeachateLiftStation	400	Dimethylphthalate	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Di-n-butylphthalate	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Di-n-butylphthalate	ND	ug/L		4/24/2007
LeachateLiftStation	400	Di-n-butylphthalate	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Di-n-octylphthalate	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Di-n-octylphthalate	ND	ug/L		4/24/2007
LeachateLiftStation	400	Di-n-octylphthalate	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Diphenyl amine	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Diphenyl amine	ND	ug/L		4/24/2007
LeachateLiftStation	400	Diphenyl amine	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Ethylbenzene	42.4	ug/L		1/30/2007
LeachateLiftStation	400	Ethylbenzene	41.2	ug/L		4/24/2007
LeachateLiftStation	400	Ethylbenzene	15.9	ug/L		7/12/2007
LeachateLiftStation	400	Ethylbenzene	13.1	ug/L	PN, J	10/18/2007
LeachateLiftStation	400	Fluoranthene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Fluoranthene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Fluoranthene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Fluorene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Fluorene	ND	ug/L	LCL	4/24/2007
LeachateLiftStation	400	Fluorene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Fluoride	0.86	mg/L		4/24/2007
LeachateLiftStation	400	Fluoride	0.99	mg/L		10/18/2007

Veolia ES Emerald Park Landfill
Leachate Analytical Data
2007

CLIENT ID	DNR WELL ID NO.	TEST PARAMETER	RESULT	UNITS	QUALIFIER	SAMPLE DATE
LeachateLiftStation	400	Hardness as CaCO3	299	mg/L		1/30/2007
LeachateLiftStation	400	Hardness as CaCO3	935	mg/L		4/24/2007
LeachateLiftStation	400	Hardness as CaCO3	442	mg/L		7/12/2007
LeachateLiftStation	400	Hardness as CaCO3	494	mg/L		10/18/2007
LeachateLiftStation	400	Hexachlorobenzene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Hexachlorobenzene	ND	ug/L	LCL	4/24/2007
LeachateLiftStation	400	Hexachlorobenzene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Hexachlorobutadiene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Hexachlorobutadiene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Hexachlorobutadiene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Hexachlorocyclopentadiene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Hexachlorocyclopentadiene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Hexachlorocyclopentadiene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Hexachloroethane	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Hexachloroethane	ND	ug/L		4/24/2007
LeachateLiftStation	400	Hexachloroethane	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Hexane Extractable Material (HEM)	9.09	mg/L	S1L, DUP	1/30/2007
LeachateLiftStation	400	Hexane Extractable Material (HEM)	4.79	mg/L	P, J	4/24/2007
LeachateLiftStation	400	Hexane Extractable Material (HEM)	10.2	mg/L		7/12/2007
LeachateLiftStation	400	Hexane Extractable Material (HEM)	4.69	mg/L	P, J	10/18/2007
LeachateLiftStation	400	Indeno[1,2,3-cd]pyrene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Indeno[1,2,3-cd]pyrene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Indeno[1,2,3-cd]pyrene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Iron	4.50	mg/L		4/24/2007
LeachateLiftStation	400	Iron	6.31	mg/L		10/18/2007
LeachateLiftStation	400	Isophorone	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Isophorone	ND	ug/L		4/24/2007
LeachateLiftStation	400	Isophorone	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Kjeldahl Nitrogen	340	mg/L		1/30/2007
LeachateLiftStation	400	Kjeldahl Nitrogen	463	mg/L	P	4/24/2007
LeachateLiftStation	400	Kjeldahl Nitrogen	731	mg/L		7/12/2007
LeachateLiftStation	400	Kjeldahl Nitrogen	805	mg/L	P	10/18/2007
LeachateLiftStation	400	Lead	410	ug/L		1/30/2007
LeachateLiftStation	400	Lead	10.1	ug/L		4/24/2007
LeachateLiftStation	400	Lead	90.0	ug/L		7/12/2007
LeachateLiftStation	400	Lead	43.5	ug/L		10/18/2007
LeachateLiftStation	400	m,p-Xylenes	77.0	ug/L		1/30/2007
LeachateLiftStation	400	m,p-Xylenes	47.8	ug/L	J	4/24/2007
LeachateLiftStation	400	m,p-Xylenes	18.0	ug/L		7/12/2007
LeachateLiftStation	400	m,p-Xylenes	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Manganese	158	ug/L		4/24/2007
LeachateLiftStation	400	Manganese	50.7	ug/L		10/18/2007
LeachateLiftStation	400	Mercury	ND	ug/L		4/24/2007
LeachateLiftStation	400	Mercury	ND	ug/L		10/18/2007
LeachateLiftStation	400	Methyl Ethyl Ketone (2-Butanone)	10700	ug/L		1/30/2007
LeachateLiftStation	400	Methyl Ethyl Ketone (2-Butanone)	1680	ug/L		4/24/2007
LeachateLiftStation	400	Methyl Ethyl Ketone (2-Butanone)	579	ug/L		7/12/2007
LeachateLiftStation	400	Methyl Ethyl Ketone (2-Butanone)	851	ug/L	PN	10/18/2007
LeachateLiftStation	400	Methylene Chloride	15.7	ug/L		1/30/2007
LeachateLiftStation	400	Methylene Chloride	ND	ug/L		4/24/2007
LeachateLiftStation	400	Methylene Chloride	ND	ug/L		7/12/2007
LeachateLiftStation	400	Methylene Chloride	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Methyl-tert-Butyl Ether	3.82	ug/L	J	1/30/2007
LeachateLiftStation	400	Methyl-tert-Butyl Ether	ND	ug/L		4/24/2007
LeachateLiftStation	400	Methyl-tert-Butyl Ether	ND	ug/L		7/12/2007
LeachateLiftStation	400	Methyl-tert-Butyl Ether	ND	ug/L	PN, CSL	10/18/2007

Veolia ES Emerald Park Landfill
Leachate Analytical Data
2007

CLIENT ID	DNR WELL ID NO.	TEST PARAMETER	RESULT	UNITS	QUALIFER	SAMPLE DATE
LeachateLiftStation	400	Naphthalene	60.5	ug/L		1/30/2007
LeachateLiftStation	400	Naphthalene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Naphthalene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Naphthalene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Naphthalene	ND	ug/L		7/12/2007
LeachateLiftStation	400	Naphthalene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Naphthalene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Nickel	219	ug/L		4/24/2007
LeachateLiftStation	400	Nickel	268	ug/L		10/18/2007
LeachateLiftStation	400	Nitrobenzene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Nitrobenzene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Nitrobenzene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	N-Nitrosodimethylamine	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	N-Nitrosodimethylamine	ND	ug/L		4/24/2007
LeachateLiftStation	400	N-Nitrosodimethylamine	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	N-Nitroso-di-n-propylamine	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	N-Nitroso-di-n-propylamine	ND	ug/L		4/24/2007
LeachateLiftStation	400	N-Nitroso-di-n-propylamine	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	N-Nitrosodiphenylamine	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	o-Xylene	32.2	ug/L		1/30/2007
LeachateLiftStation	400	o-Xylene	18.1	ug/L	J	4/24/2007
LeachateLiftStation	400	o-Xylene	9.36	ug/L		7/12/2007
LeachateLiftStation	400	o-Xylene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Pentachlorophenol	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Pentachlorophenol	ND	ug/L		4/24/2007
LeachateLiftStation	400	Pentachlorophenol	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Phenanthrene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Phenanthrene	ND	ug/L	LCL	4/24/2007
LeachateLiftStation	400	Phenanthrene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Phenol	677	ug/L	J, PN	1/30/2007
LeachateLiftStation	400	Phenol	ND	ug/L		4/24/2007
LeachateLiftStation	400	Phenol	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Phenolics	0.399	mg/L		10/18/2007
LeachateLiftStation	400	Phosphorus	2.70	mg/L	P	4/24/2007
LeachateLiftStation	400	Phosphorus	3.40	mg/L	P	10/18/2007
LeachateLiftStation	400	Pyrene	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Pyrene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Pyrene	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Pyridine	ND	ug/L	PN	1/30/2007
LeachateLiftStation	400	Pyridine	ND	ug/L	CSH	4/24/2007
LeachateLiftStation	400	Pyridine	ND	ug/L	NT	10/18/2007
LeachateLiftStation	400	Selenium	ND	ug/L		4/24/2007
LeachateLiftStation	400	Selenium	12.7	ug/L		10/18/2007
LeachateLiftStation	400	Silver	2.09	ug/L	J	1/30/2007
LeachateLiftStation	400	Silver	1.46	ug/L	J	10/18/2007
LeachateLiftStation	400	Sodium	1560	mg/L		4/24/2007
LeachateLiftStation	400	Sodium	1620	mg/L		10/18/2007
LeachateLiftStation	400	Styrene	8.76	ug/L		1/30/2007
LeachateLiftStation	400	Styrene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Styrene	ND	ug/L		7/12/2007
LeachateLiftStation	400	Styrene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Sulfate	64.2	mg/L		1/30/2007
LeachateLiftStation	400	Sulfate	103	mg/L		4/24/2007
LeachateLiftStation	400	Sulfate	141	mg/L		7/12/2007
LeachateLiftStation	400	Sulfate	116	mg/L		10/18/2007
LeachateLiftStation	400	Tetrachloroethene	ND	ug/L		1/30/2007
LeachateLiftStation	400	Tetrachloroethene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Tetrachloroethene	ND	ug/L		7/12/2007
LeachateLiftStation	400	Tetrachloroethene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Tetrahydrofuran	3450	ug/L		1/30/2007
LeachateLiftStation	400	Tetrahydrofuran	545	ug/L		4/24/2007
LeachateLiftStation	400	Tetrahydrofuran	896	ug/L		7/12/2007
LeachateLiftStation	400	Tetrahydrofuran	692	ug/L	PN	10/18/2007

Veolia ES Emerald Park Landfill
Leachate Analytical Data
2007

CLIENT ID	DNR WELL ID NO.	TEST PARAMETER	RESULT	UNITS	QUALIFER	SAMPLE DATE
LeachateLiftStation	400	Thallium	ND	ug/L		1/30/2007
LeachateLiftStation	400	Toluene	120	ug/L	S1L	1/30/2007
LeachateLiftStation	400	Toluene	45.2	ug/L	J	4/24/2007
LeachateLiftStation	400	Toluene	20.5	ug/L		7/12/2007
LeachateLiftStation	400	Toluene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Total Suspended Solids	185	mg/L		1/30/2007
LeachateLiftStation	400	Total Suspended Solids	72.0	mg/L		4/24/2007
LeachateLiftStation	400	Total Suspended Solids	66.0	mg/L		7/12/2007
LeachateLiftStation	400	Total Suspended Solids	81.0	mg/L		10/18/2007
LeachateLiftStation	400	trans-1,2-Dichloroethylene	ND	ug/L		1/30/2007
LeachateLiftStation	400	trans-1,2-Dichloroethylene	ND	ug/L		4/24/2007
LeachateLiftStation	400	trans-1,2-Dichloroethylene	ND	ug/L		7/12/2007
LeachateLiftStation	400	trans-1,2-Dichloroethylene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	trans-1,3-Dichloropropylene	ND	ug/L		1/30/2007
LeachateLiftStation	400	trans-1,3-Dichloropropylene	ND	ug/L		4/24/2007
LeachateLiftStation	400	trans-1,3-Dichloropropylene	ND	ug/L		7/12/2007
LeachateLiftStation	400	trans-1,3-Dichloropropylene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Trichloroethene	ND	ug/L		1/30/2007
LeachateLiftStation	400	Trichloroethene	ND	ug/L		4/24/2007
LeachateLiftStation	400	Trichloroethene	ND	ug/L		7/12/2007
LeachateLiftStation	400	Trichloroethene	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Trichlorofluoromethane	ND	ug/L		1/30/2007
LeachateLiftStation	400	Trichlorofluoromethane	ND	ug/L		4/24/2007
LeachateLiftStation	400	Trichlorofluoromethane	ND	ug/L		7/12/2007
LeachateLiftStation	400	Trichlorofluoromethane	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Vinyl chloride	ND	ug/L		1/30/2007
LeachateLiftStation	400	Vinyl chloride	ND	ug/L		4/24/2007
LeachateLiftStation	400	Vinyl chloride	ND	ug/L		7/12/2007
LeachateLiftStation	400	Vinyl chloride	ND	ug/L	PN	10/18/2007
LeachateLiftStation	400	Zinc	619	ug/L		1/30/2007
LeachateLiftStation	400	Zinc	143	ug/L		4/24/2007
LeachateLiftStation	400	Zinc	187	ug/L		7/12/2007
LeachateLiftStation	400	Zinc	194	ug/L		10/18/2007

Wastewater Treatment Facility Acceptance Letters

MMSD Leachate Acceptance Agreement

Frank - ESC



Preserving The Environment •
Improving Water Quality

COPY

August 24, 2007

Mr. Jay Warzinski
Veolia ES Emerald Park Landfill
W124 S10629 South 124th Street
Muskego, Wisconsin 53150

Subject: *Wastewater Discharge Permit 8.05*

Dear Mr. Warzinski:

Wastewater Discharge Permit 8.05 is enclosed. This permit establishes various effluent limits, sampling and reporting requirements, and other conditions related to the discharge of wastewater to the District's sewerage system.

Please carefully review the limits that apply and the sampling and reporting requirements. To facilitate the submission of complete periodic compliance reports, the District has prepared a form, which is enclosed. You are not required to use this form, but the District recommends using it. Completing the form ensures that the District obtains all of the required information.

If you have any questions regarding your new permit or if you find errors, please contact me at 414-225-2157 or estroik@mmsd.com. Thank you for your cooperation.

Sincerely yours,

Elizabeth J. Stroik
Senior Industrial Waste Engineer

Enclosures

Permits/2007/EmeraldParkCoverLetter.doc

WASTEWATER DISCHARGE PERMIT 8.05

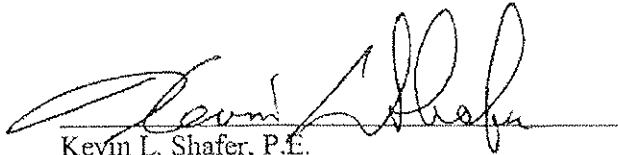
The Milwaukee Metropolitan Sewerage District (District) has issued this wastewater discharge permit to:

Veolia ES Emerald Park Landfill, LLC
W124 S10629 South 124th Street
Muskego, Wisconsin 53150

This permit is issued according to sec. 200.45, Wis. Stats., and ch. 11, MMSD Rules. The Permittee shall comply with the pretreatment standards, monitoring requirements, and other conditions set forth in this permit.

Section 11.814, MMSD Rules, provides procedures for the administrative review of the conditions contained in this permit. These procedures are the exclusive means for the Permittee to seek amendments to this permit. The right to an administrative review of this permit expires 30 days after receiving this permit. Failure to exhaust these administrative review procedures may preclude judicial review. The Permittee must comply with this permit during the review in any forum of any challenge to this permit, according to sec. 11.815, MMSD Rules.

This permit becomes effective on the date of signature and expires at midnight, **April 30, 2012**. The Permittee may continue discharging after this date only if the District reissues this permit. The Permittee must apply for renewal of this permit according to the requirements of sec. 11.305, MMSD Rules, at least 60 days before the expiration date of this permit.



Kevin L. Shafer, P.E.
Executive Director
Milwaukee Metropolitan Sewerage District

Dated this 22 day of August, 2007.

WASTEWATER DISCHARGE PERMIT 8.05

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Part 1 - LIMITS

1.01 INTRODUCTION

Discharges, from the outfall regulated by this permit, are subject to the local limits established by the District in sec. 11.203, MMSD Rules. Based upon these requirements, the District has established the pretreatment standards set forth in sec. 1.02 of this permit.

1.02 OUTFALL 1.0

- (1) Outfall 1.0 is identified as the monitoring station located adjacent to the leachate storage tanks and upstream from any transfer tanker filling equipment.
- (2) The Permittee may not discharge process wastewater other than to Outfall 1.0.
- (3) The pH of the Permittee's discharge shall be greater than 5.0 s.u. at all times.
- (4) The following pretreatment standards apply to discharges from Outfall 1.0:

Table 1
Applicable Local Limits

<u>Pollutant</u>	<u>Maximum for any One Day (mg/L)</u>
Ammonia	224.0 ⁽¹⁾
Arsenic, total	0.6
Cadmium, total ⁽²⁾	1.5
Chromium, total ⁽²⁾	64.0
Copper, total	6.0
Cyanide, total ⁽²⁾	5.0
Lead, total	2.0
Mercury, total	0.0026
Molybdenum	12.0
Nickel, total	4.0
Hexane Extractable Materials ⁽³⁾	300.0
Silver, total ⁽²⁾	5.8
Zinc, total	8.0

(1) This limit applies after notice from the District that the South Shore Wastewater Treatment Facility is at risk of violating its discharge permit, during the months of June through September. The Permittee shall sample its wastewater discharge within 5 days of such notification. Any additional sampling for this pollutant, not required in accordance with the condition stated above, is for informational purposes only and the discharge limit would not apply.

(2) Sampling is not required for this pollutant.

(3) Also known as Total Oil and Grease

Table 2
Additional Local Limits⁽¹⁾

<u>Pollutant</u>	<u>Maximum for any One Day (ug/L)</u>
- Acrolein	390.0
- Alkylated lead	13.0
- Benzo (a) pyrene	130.0
- Chlordane	1.3
- Dieldrin	0.65
2,3,7,8-TCDD → Dioxins	26.0
(per list) 3,3'-dichlorobenzidine	260.0
4,4'-DDT	1.3
Endosulfan	1.3
Endrin	1.3
Fluoranthene	130.0
2,3,7,8-TCDF → Furans	26.0
(per both Strick) Heptachlor	0.65
12/6/07 Hexachlorobenzene	260.0
Lindane (BHC)	0.65
Mirex	260.0
Pentachlorobenzene	260.0
PBB Ethers	(2)
Polychlorinated biphenyls (PCB's)	5.0
Toxaphene	26.0
2,4,6-trichlorophenol	130.0

(1) Permit limits created per 11.202(13)(c), MMSD Rules. Following seven consecutive below detection results, these pollutants will no longer have applicable permit-specific limits.
(2) Limit to be determined.

If not on PPS
if on when you can

Part 2 - SAMPLING

2.01 SAMPLING FREQUENCY

The Permittee shall sample according to the following:

Outfall #	Parameter	Frequency
<u>Primary Device</u>		
<i>1.0</i>	Priority Pollutants ⁽¹⁾	Annually
<u>No Primary Device</u>	Local Limits (Table 1)	Semi-annually ⁽²⁾
	PCB's	Quarterly
	BOD, TSS	Quarterly (4 consecutive days)
	Flow	Monthly (reported quarterly)

(1) As listed in 40 CFR 423, Appendix A, excluding cyanide. Annual sampling event may include separately required semi-annual or quarterly sampling events. *cadmium, chromium, and silver.*

(2) The Permittee shall sample at least once between January 1 and June 30, and at least once between July 1 and December 31.

(See Table 1)
No Cd, Cr, Ag, CN
for Beth Strait
12/66/07. -11

2.02 REPRESENTATIVE SAMPLES

The Permittee's self-monitoring shall represent operation activities and discharges normally occurring during the reporting period.

2.03 SAMPLE COLLECTION AND ANALYSIS

(1) Samples shall be collected and analyzed using the following techniques:

- (a) For hexane extractable materials, grab samples shall be collected.
- (b) The Permittee shall collect, preserve, and analyze samples using techniques that provide sufficient precision and accuracy to measure the regulated pollutants at or below the applicable limit to a reasonable degree of scientific certainty, using analytical methods included in 40 CFR Part 136 or ch. NR 219, Wis. Admin. Code, or other methods approved by the Department of Natural Resources. For analysis, the Permittee shall use a laboratory certified or registered by the Department of Natural Resources, according to ch. NR 149, Wis. Admin. Code, for the parameter being analyzed.
- (2) The Permittee shall instantaneously measure pH using either a portable pH meter or a grab sample free of acidic or alkaline preservatives.
- (3) The Permittee shall utilize District approved flow proportioned composite sample collection equipment at Outfall 1.0.
- (4) The Permittee shall collect composite samples over a 24-hour period if the discharge occurs over a 24-hour period. The Permittee shall collect composite samples over the period of discharge if the period of discharge is less than 24 hours.

Part 3 - REPORTING

3.01 PERIODIC COMPLIANCE REPORTS

The Permittee shall submit to the District periodic compliance reports that include the following information. These reports are due before the date established by sub. (6).

(1) Sample results

The Permittee shall report to the District the results of all sampling required by part 2. If the Permittee monitors a pollutant more frequently than required by this permit using the sample type and the sample collection, preservation, and the analytical techniques set forth in part 2, then the Permittee shall also report the results of this monitoring to the District. Reports shall include:

- (a) The place, date, type, and time of the sample;
- (b) The names of the persons collecting the samples, the persons doing the analyses, and the laboratory performing the analyses;
- (c) The dates the analyses were performed;
- (d) The analytical techniques used; and
- (e) The analytical results.

(2) Average and maximum flow rates

- (a) For each outfall identified in secs. 1.02 of this permit, the Permittee shall report the average and maximum daily process wastewater flow rates for the quarter since the last quarter for which the Permittee reported these flow rates. For the Permittee's first report, the Permittee shall report flows for either the three months preceding the periodic compliance report or the time since the commencement of discharge, whichever is shorter. The Permittee shall indicate the starting and ending dates of the period covered by the reported flow rates.
- (b) If an outfall contains domestic wastewater or other non-process wastewater, then the Permittee shall include average and maximum flow rates for these types of wastewater.
- (c) The Permittee may estimate these flow rates.
- (d) The Permittee shall indicate whether the reported flows are measurements or estimates. If the Permittee is reporting estimated flows, then the Permittee shall provide all of the information and calculations used to obtain the estimates. If calculating an estimated flow by dividing a long-term discharge volume by a number of days, then the Permittee shall count only the days when a discharge occurred.

(3) Hauled wastewater

- (a) For any wastewater that has been shipped off-site for disposal, the Permittee shall report the category, manufacturing process, volume, destination, hauler, and shipping date.

The above information must be reported to the District prior to July 31 for the 1st six months of the calendar year, and prior to January 31 for the 2nd six months of the calendar year. A periodic compliance report shall include information for all shipments since the last reported shipment.

- (b) For the purposes of this subsection, "wastewater" does not include sludges or solid wastes shipped to treatment, storage, or disposal facilities licensed under solid and hazardous waste management laws.

(4) General certification

The Permittee shall include the certification set forth in sec. 3.08 in periodic compliance reports.

(5) Signature

A person who satisfies the requirements of sec. 11.417, MMSD Rules, shall sign periodic compliance reports.

(6) Reporting deadline

The Permittee shall submit periodic compliance reports to the District no later than the last day of the month following the quarter in which the sample was collected.

3.02 REPORT OF VIOLATION AND RESAMPLING

- (1) If sampling performed by the Permittee identifies a violation of any applicable pretreatment standard or requirement, the Permittee shall:

- (a) Notify the District within 24 hours of becoming aware of the violation,
- (b) Provide a written report with sample results to the District within 5 days after becoming aware of the violation, and
- (c) Repeat the sampling and analysis and submit the results of the repeat analysis to the District within 30 days after becoming aware of the violation.

- (2) The reports required by sub. (1) shall contain the certification set forth in sec. 3.08 and be signed according to sec. 11.417, MMSD Rules.

3.03 REPORTING OF UPSETS, SPILLS, OTHER SLUGS, AND EMERGENCIES

- (1) The Permittee shall immediately notify the District of an upset, spill, or other slug that has a reasonable potential to cause a violation of any pretreatment standard or requirement.
- (2) The report required by sub. (1) shall include:
 - (a) The location, date, and time of the discharge;
 - (b) The character and volume of the discharged material; and
 - (c) Containment or other corrective action taken by the Permittee.
- (3) Within 5 days after the report required by sub. (1), the Permittee shall submit to the District a written report describing the cause of the discharge, the duration of the discharge, and the measures taken by the Permittee to prevent similar occurrences in the future.
- (4) The report required by sub. (3) shall contain the certification set forth in sec. 3.08 and be signed according to sec. 11.417, MMSD Rules.
- (5) The Permittee shall immediately notify the District at (414) 282-7200 (24 hours per day) of any emergency that may affect the sewerage system.

3.04 BYPASS REPORTS

- (1) If the Permittee knows in advance of the need for a bypass, then the Permittee shall notify the District at least ten days before the bypass, if possible, or otherwise immediately.
- (2) If the Permittee has a bypass that causes a violation of a pretreatment standard or requirement and the Permittee did not anticipate the bypass, then the Permittee shall:
 - (a) Orally notify the District of the bypass within 24 hours of becoming aware of the bypass, and
 - (b) Provide a written notification within 5 days after becoming aware of the bypass that describes:
 1. The bypass and its cause;
 2. The date and time of when the bypass began and the date and time of either the end of the bypass, if the bypass has ceased, or the expected end of the bypass, if the bypass has not ceased; and
 3. The steps taken or planned to prevent reoccurrence of the bypass.
- (3) The report required by sub. (2)(b) shall contain the certification set forth in sec. 3.08 and be signed according to sec. 11.417, MMSD Rules.

3.05 NR 101 ANNUAL MONITORING REPORTS

If the Permittee is required by the Department of Natural Resources to submit an NR 101 annual monitoring report, the Permittee shall provide a copy of this report to the District.

3.06 NOTICE OF INTENT TO CHANGE DISCHARGE

Before any activity that would either result in a 20 percent long-term increase or decrease in the volume of non-domestic wastewater discharged by the Permittee or that would significantly change the characteristics of the discharge, the Permittee shall submit a written Notice of Intent to the District.

3.07 HAZARDOUS WASTE REPORTS

The Permittee shall report discharges of hazardous waste according to sec. 11.412, MMSD Rules.

3.08 GENERAL CERTIFICATION

The reports required by this permit shall contain the following certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

3.09 REPORTING ADDRESS

- (1) The Permittee shall submit all reports required by this permit to the District at the following address:

Milwaukee Metropolitan Sewerage District
Industrial Waste Department
260 West Seeboth Street
Milwaukee, Wisconsin 53204

- (2) The Permittee may deliver reports directly to District Headquarters at 260 West Seeboth Street, Milwaukee.

Part 4 - GENERAL CONDITIONS

4.01 GENERAL PROHIBITIONS

(1) Compliance with rules

The Permittee may not discharge to the sewerage system except in compliance with ch. 11, MMSD Rules, and this permit.

(2) Interference

The Permittee may not discharge any pollutant to the sewerage system in a quantity or concentration that, alone or in conjunction with other discharges:

- (a) Inhibits or disrupts the sewerage system or its sludge processes; and
- (b)
 - 1. Is a cause of a violation of the District's WPDES permits or air pollution control permits;
 - 2. Increases the magnitude or duration of a violation;
 - 3. Prevents the use or disposal of sewage sludge in compliance with any applicable local, state, or federal statutes, ordinances, regulations, permits, or other requirements; or
 - 4. Inhibits the marketing of treated sewage sludge.

(3) Pass through

The Permittee may not discharge to the sewerage system any pollutant in a quantity or concentration that, alone or in conjunction with other discharges, is a cause of a discharge from the sewerage system to waters of the state that violates the District's WPDES permits or increases the magnitude or duration of a violation.

4.02 PROHIBITED DISCHARGES

The Permittee may not discharge to the sewerage system:

- (1) Pollutants that create a fire or explosion hazard in the sewerage system, including but not limited to pollutants that result in wastewater with a closed cup flashpoint of less than 60 C (140 F);
- (2) Pollutants that will cause corrosive structural damage to the sewerage system, including but not limited to discharges with a pH lower than 5.0 s.u.;
- (3) Solid or viscous pollutants that will obstruct the flow in the sewerage system;

- (4) Heat in amounts that will cause interference by inhibiting the biological activity in the treatment plant, including but not limited to heat in an amount that causes the influent of the treatment plant to exceed 40 C (104 F).
- (5) Used motor vehicle anti-freeze, motor oil, brake fluid, transmission fluid, hydraulic fluid, oil-based paint, and paint thinners if the material is in a collectable and recyclable quantity or if the discharge would result in a violation of the oil and grease limit set forth in sec. 11.203(1), MMSD Rules;
- (6) Pollutants that result in the presence of toxic gases, vapors, or fumes within the sewerage system in a quantity that may cause acute worker health and safety problems;
- (7) Hauled waste, except for hauled waste that:
 - (a) Consists only of domestic wastewater, and
 - (b) Is discharged at a point designated by the District;
- (8) Any substance that may cause the sewerage system's treatment residues, sludges, or scums to be unsuitable for reclamation and reuse, that causes interference with the reclamation process, or that inhibits the marketing of treated sewage sludge;
- (9) Any wastewater that contains radioactivity in amounts greater than a drinking water standard established by the U.S. Environmental Protection Agency or the Department of Natural Resources;
- (10) Storm water, surface water, groundwater, roof runoff, subsurface drainage, single pass non-contact cooling water, cooling tower blowdown, and reverse osmosis concentrate from any site served by separated sewers or riparian to waters of the state, according to sec. 11.202(10), MMSD Rules;
- (11) Any non-domestic wastewater before the District has approved a notice of intent submitted according to sec. 11.401, MMSD Rules; and
- (12) Any mass, concentration, or volume of a substance in excess of the amount allowed in this wastewater discharge permit.

4.03 DUTY TO MITIGATE

The Permittee shall take all reasonable actions necessary to minimize and correct any adverse impacts to the sewerage system or the environment resulting from noncompliance with this permit.

4.04 DILUTION PROHIBITION

The Permittee may not increase the use of process water or in any other way attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with any

any applicable pretreatment standard or requirement. The District may impose mass limits on Permittees who use dilution to meet the applicable pretreatment standards or requirements or in any other case where mass limits are appropriate.

4.05 BYPASS PROHIBITION

- (1) Intentional bypass is prohibited.
- (2) The Permittee shall report bypasses according to sec. 3.04.

4.06 PROPER DISPOSAL OF PRETREATMENT SLUDGES

The Permittee shall dispose sludges generated by wastewater treatment systems according to all applicable local, state, and federal requirements. If a sludge is a hazardous waste according to the criteria set forth in sec. NR 605, Wis. Admin. Code, then the Permittee shall satisfy the requirements of either secs. NR 610 or NR 615, Wis. Admin. Code.

4.07 COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS

The Permittee shall comply with all applicable pretreatment standards and requirements set forth in ch. 11, MMSD Rules, the Code of Federal Regulations, and the Wisconsin Administrative Code, regardless of their enumeration in this permit.

4.08 NO PROPERTY RIGHTS CREATED

This permit does not convey or create any private property rights.

4.09 PERMIT MODIFICATION

The District may modify this wastewater discharge permit at any time to reflect changes in federal, state, or local law, to incorporate the terms of an order, or to reflect changed circumstances.

4.10 PERMIT TRANSFER

This wastewater discharge permit is issued to the Permittee for specific processes and operations at a specific location. If any person is seeking to become an owner of the facility to which this permit applies or operator of the processes or operations to which this permit applies, then that person shall apply to the District for a transfer of this wastewater discharge permit before becoming an owner or operator. If an owner or operator changes without the prior approval of the District, then this permit is void.

4.11 SAMPLING LOCATION

The Permittee may change monitoring locations only after receiving approval from the District. The District shall ensure that any change in the Permittee's monitoring location will not allow the Permittee to substitute dilution for adequate treatment.

4.12 SAMPLING FACILITIES

- (1) The Permittee shall provide sampling facilities that will be accessible and that will provide representative samples of the process wastewater.
- (2) The Permittee shall locate, construct, and maintain sampling facilities according to the requirements of the District.
- (3) The Permittee's sampling facility shall have sufficient room to allow the installation of sampling and flow monitoring devices.
- (4) The Permittee shall submit to the District plans and specifications for construction or modification of sampling facilities at least 30 days before the proposed commencement of construction or modification. If the Permittee constructs or modifies a sampling facility before District approval or without inspection during construction and if the District determines that the sampling facility is unacceptable, then the Permittee shall reconstruct or modify the sampling facility according to the requirements of the District.
- (5) The Permittee shall maintain sampling facilities in a safe, operating condition at all times.
- (6) The Permittee shall allow the District access to all sampling facilities according to the requirements of sec. 4.18.

4.13 RECORD KEEPING REQUIREMENTS

The Permittee shall retain and preserve for no less than 5 years all records relating to monitoring, sampling, and analyses made by or on behalf of the Permittee. If a record pertains to matters that are the subject of an order, litigation, or other enforcement action, then the Permittee shall retain and preserve the record until all enforcement activities have concluded and all periods of limitations for appeals have expired. The Permittee shall make these records available to the District upon request for inspection and copying.

4.14 REVIEW OF PROPOSED TREATMENT FACILITIES

- (1) If the Permittee is planning to install or modify treatment facilities or operations to comply with a categorical pretreatment standard, a pretreatment standard set forth in sec. 11.203, MMSD Rules, a permit condition, or an order of the District, then the Permittee shall provide the District with plans, specifications, and operating procedures for the proposed facilities. The District may approve, conditionally approve, or disapprove the plans, specifications, and

operating procedures. The Permittee may not begin discharging from the treatment facilities until the Permittee has satisfied the requirements of the District.

- (2) The Wisconsin Department of Natural Resources has separate requirements for the review of plans, specifications, and operating procedures of proposed pretreatment facilities, such as the requirements set forth in sec. 281.41, Wis. Stats., and ch. NR 108, Wis. Admin. Code. The Permittee shall comply with these requirements before commencing discharges to the sewerage system.

4.15 ADDITIONAL REPORTS

In addition to the reports required by this permit and the reports specifically required by ch. 11, MMSD Rules, the District may require other reports, management plans, or other information whenever the District finds that such a requirement is necessary to fulfill the District's responsibilities under ch. 11, MMSD Rules, or any other local, state, or federal law.

4.16 PUBLIC INFORMATION

All written information submitted to the District shall be available upon request to any person without restriction, according to sec. 19.35, Wis. Stats., unless:

- (1) The Permittee provides, at the time the Permittee submits the information, a written notice to the District that the Permittee claims that all or part of the information is exempt from disclosure according to sec. 19.36(5), Wis. Stats.; and
- (2) The Permittee demonstrates to the District's satisfaction that the information is a trade secret according to sec. 134.90(1)(c), Wis. Stats.

4.17 RIGHT OF ENTRY

The Permittee consents to inspection and sampling by the District according to the requirements and limitations set forth in sec. 11.804, MMSD Rules.

4.18 ADMINISTRATIVE REVIEW OF DISTRICT DECISIONS

The Permittee may seek administrative review of permit conditions and enforcement actions according to sec. 11.814, MMSD Rules. For purposes of judicial review, a District decision is not final until all of the available administrative review procedures have been exhausted.

4.19 ENFORCEMENT

- (1) The District may obtain any remedy allowed by law for any violation of any pretreatment standard or requirement. According to secs. 11.801 to 11.823, MMSD Rules, enforcement options include: a notice of noncompliance, a notice of violation, an order, publication of the Permittee's name in a public notice of users in significant noncompliance, permit revocation,

injunctive relief, civil penalties up to \$25,000 per day per violation, and criminal prosecution. Further information is provided in the District's *Enforcement Response Plan*.

- (2) If any person willfully or negligently violates any pretreatment standard or requirement, knowingly makes a false statement, representation or certification, or knowingly falsifies, tampers with, or renders inaccurate any monitoring device or analytical method, then that person may be subject to prosecution under the criminal laws of the State of Wisconsin or the United States, in addition to actions for civil remedies.
- (3) If a Permittee's discharge results in a deposit, an obstruction, damage, or an impairment in the sewerage system, then the Permittee shall be liable to the District for the costs of cleaning, repairing, or replacing the affected components.
- (4) In any enforcement action against the Permittee, the District may recover the District's costs for sampling, analysis, other surveillance measures, and time devoted to the action by the District's legal counsel, engineering staff, administrative staff, or other personnel.

Part 5 - SPECIAL CONDITIONS

5.01 SAMPLING FACILITY INSTALLATION

The Permittee shall install a sampling facility that allows the collection of flow proportioned composite samples. This sampling facility shall contain all of the Permittee's process wastewater and only process wastewater. The Permittee shall submit design plans and specifications of the sampling facility for District approval on or before November 1, 2007, and complete installation on or before December 31, 2007. Based upon the type of sampling facility to be installed, it may be necessary for the Permittee to contact the District for inspections during construction. The Permittee shall notify the District for inspection of the sampling facility, when the installation is completed. If the sampling facility is not approved as installed, or if the facility fails to function properly, then the Permittee shall reconstruct, repair, or replace the sampling facility.

5.02 SAMPLING

The Permittee shall collect and analyze samples according to Part 2 within 90 days after the completion of installation of the sampling facility. The Permittee shall report the results according to sec. 3.01.

Emerald Park 2007.doc

Periodic Compliance Report Instructions

- (1) Report analytical results in mg/L, except for pH and flow. Report flow in gallons per day. If your wastewater discharge permit has limits in terms of mass per day, then provide results in mass units on a separate page.
- (2) For sample type, use:
 “Grab” for a grab sample,
 “FPC” for a flow proportioned composite sample,
 “TPC” for a time composite sample, or
 “Other” for other sample types and explain on an attached page.
- (3) Include both the starting and ending date and time for composite samples. For grab samples, provide the date and time of collection in the “ending date and time” box.
- (4) In the sample collector and analyst columns, provide a name, initials, or other identifying information.
- (5) For analytical methods, use the method number listed in 40 CFR 136; ch. NR 219, Wis. Adm. Code; or *Test methods For Evaluating Solid Waste*. Describe other methods on an attached sheet.
- (6) To report a result below the level of detection, use a less-than sign (<) and the level of detection.
- (7) For the purposes of this report, you must collect and analyze samples according to 40 CFR 136; ch. NR 219, Wis. Adm. Code; or other methods approved by the District. In addition, you must use a laboratory certified or registered by the Department of Natural Resources, according to ch. NR 149, Wis. Adm. Code.
- (8) To identify the category of hauled wastewater, use the name of the applicable categorical standard from 40 CFR 405 to 471. If the hauled wastewater is non-categorical, then write “non-categorical” in the category column. For the destination of hauled wastewater, report the facility name, city, and state.
- (9) This report is due before the end of the month following the month you collected the sample. For example, results for a sample collected in May are due before the end of June.

Periodic Compliance Report

Wastewater Discharge Permit _____
Number _____

Facility Name _____

Street Address

City and Zip Code: _____

Outfall _____
Number _____

[illegible]

Laboratory Name _____

DNR Certification Number _____

Long-term Average and Maximum Process Wastewater Daily Flow Rates

From Beginning Date To Ending Date

Average Daily Flow Rate _____ Gallons per day

Maximum Daily Flow Rate	Gallons per day
-------------------------	-----------------

Hauled Wastewater

[illegible]

City of Waukesha Leachate Acceptance Agreement
(Veolia and the City of Waukesha is in the process of renewing this Agreement)

CITY OF WAUKESHA

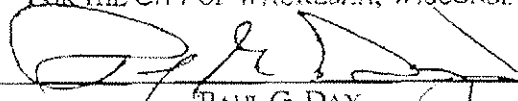
INDUSTRIAL WASTEWATER DISCHARGE PERMIT

In accordance with all terms and conditions of **Chapter 29** of the **Municipal Code** of the **City of Waukesha**, and also with any applicable provisions of **Federal** or **State law** or regulations, permission is hereby granted to discharge industrial wastewater to the **City of Waukesha Wastewater Treatment Facilities** to the following:

EFFECTIVE DATES
12:00 AM JANUARY 1, 2008 TO 12:00 AM JANUARY 1, 2009
PERMIT NUMBER
76
ISSUED TO
VEOLIA EMERALD PARK LANDFILL LLC
LOCATED AT
W124S16029 S. 124 TH ST.
MUSKEGO, WI 53150
AUTHORIZED REPRESENTATIVE
JAMES DUNHAM
SIC CODE(S)
4953

This permit is granted in accordance with the application on file in the office of the **City of Waukesha Pretreatment Coordinator** and in conformity with plans, specifications and other data submitted to **The City** in support of the above application, all of which are filed with, and considered as part of, this permit together with the following named conditions and requirements.

FOR THE CITY OF WAUKESHA, WISCONSIN,


PAUL G. DAY
INTERIM DIRECTOR OF PUBLIC WORKS

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II. Monitoring Requirements

A. Sample Point 76

From January 1, 2008 through December 31, 2008, the permittee shall monitor Sample Point 76 for the following:

Parameter	Units	Frequency	Sample Type
Cadmium, Chromium, Copper, Nickel, Zinc Biochemical Oxygen Demand, Suspended Solids, Total Phosphorus & Total Kjeldahl Nitrogen Cyanides Oil & Grease (Hydrocarbons)	mg/L	1 every 6 months, collected during first & third quarters	Grab
pH	Standard units	1 every 6 months, collected during first & third quarters	Grab
Volume (hailed)	Gallons	Per load	(Total volume recorded at WWTP)

1. Sample Point 76 is the leachate lift station wet well.
2. Monitoring at Sample Point 76 shall be taken on a day of normal production when a representative sample of the process effluent may be collected.
3. Resampling is required for violation(s) found by either the permittee or the City (see Permit Section III(B)(2)).
4. Veolia Emerald Park Landfill LLC has been granted a sampling variance at Sample Point 76 effective January 1, 1997 for lead and silver per Section 29.04(11) of the Waukesha Municipal Code. This variance is not license to exceed these parameters, or any other parameter at any time. The City reserves the right to revoke any and all variances granted under its authority.

B. [Reserved]

C. General Monitoring Requirements

1. Where required, monitoring for cyanides shall be conducted after cyanide treatment, if such treatment is present, and before dilution with any other wastestreams.
2. All samples shall be collected, preserved and analyzed in accordance with the procedures established in 40 CFR, Part 136 and amendments, and "Standard Methods for the Examination of Water and Wastewater", latest edition. Alternative procedures shall require City approval prior to use.
3. Where required, analysis for oil & grease shall be performed for hydrocarbons using gravimetric determination.

it in a temporary state of noncompliance with wastewater discharge limitations contained in this permit or other limitations specified in Chapter 29. A written report shall be forwarded to the Pretreatment Coordinator within five working days of becoming aware of the upset.

E. Accidental (Spill/Slug) Discharge Reporting

The permittee shall notify the City immediately upon the occurrence of a spill or "slug" discharge (concentrated loading of pollutants or pH extremes), or any by-passing or overflow of untreated wastewater containing substances regulated by Chapter 29 to the sanitary sewer from the permittee's facility. The notification shall include the location, date and time of the discharge, type of pollutant, concentration and volume, and corrective actions. The initial notification shall be followed within five working days by a written report submitted to the Pretreatment Coordinator and containing the information above.

F. Prevention of Spills and Accidental Discharges (Spill/Slug Control Plan)

1. If requested by the City, the permittee shall provide to the City, under Chapter 29.03(7)(k), an approved spill/slug control plan to provide protection against spills or accidental discharges (slugs) of prohibited or regulated materials as defined in Chapter 29. The plan shall include, but is not limited to:
 - a) A description of discharge practices, including nonroutine batch discharges;
 - b) A description of stored liquid raw materials and wastes;
 - c) Procedures for immediately notifying the Wastewater Treatment Plant of spills or slug discharges, and for submitting written notification within five days;
 - d) Any necessary procedures to:
 - i) Prevent spills;
 - ii) Inspect and maintain storage areas;
 - iii) Handle and transfer materials;
 - iv) Control loading and unloading operations;
 - v) Control site runoff; and
 - vi) Train employees
 - e) Any necessary measures for building containment structures or equipment;
 - f) Any additional measures necessary to contain toxic organic pollutants, including solvents;
 - g) Any necessary procedures and equipment for emergency response; and
 - h) Any necessary practices to limit the damage suffered by the Wastewater Treatment Plant or the environment after a spill or slug discharge.
2. The permittee shall provide the spill prevention and accidental discharge control plans to the City for review at least every other year.
3. Plans shall be reviewed and approved by the City prior to construction of any facilities.

G. Compliance Schedule Progress Reports

If the permittee is placed on a compliance schedule, the permittee shall submit milestone compliance progress reports in accordance with the requirements specified in Section VI (A)(2), Special Conditions, of this permit.

H. Baseline Monitoring Report (New Users)

The permittee shall submit to the City an approved Baseline Monitoring Report (BMR) within

IV. Compliance Dates for Local & Federal Limits

- A. Local Limits: Initial compliance was required by October 10, 1987. Compliance for new sources subsequent to this date is required within 180 days of permit issuance.
- B. Federal Limits: Compliance with all applicable Federal limits is required at permit issuance date.
- C. The above dates do not relieve the permittee from the consequences of noncompliance with wastewater standards effective prior to those dates.

V. General Conditions

In addition to compliance with previously stated requirements, this permit is issued conditioned upon compliance with the following general conditions. Violation of any permit condition below, either alone or in conjunction with a violation of any terms of this permit, shall be an adequate basis for the revocation of this permit.

A. Right of Entry

The permittee shall, after reasonable notification by the City, allow the City or its representatives, exhibiting proper identification, to enter the premises of the permittee at all reasonable hours, for the purpose of inspection, sampling or records inspection. Reasonable hours include any time the permittee is operating any process which results in a wastewater discharge to the City sewerage system.

B. Records Retention

- 1. The permittee shall retain for no less than 3 years any records, books, documents, memoranda, reports, correspondence and summaries relating to monitoring, sampling and chemical analyses made by or on behalf of the permittee in connection with the facility's discharge.
- 2. All records that pertain to matters that are the subject of special order, enforcement, or litigation brought by the City shall be retained by the permittee until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

C. Severability

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provisions to other circumstances, and the remainder of this permit, shall not be affected.

D. Confidential Information

Except for data determined to be confidential under the City of Waukesha Municipal Code, Chapter 29.04(11), all reports required by the ordinance and this permit shall be available for public inspection at the City of Waukesha Wastewater Treatment Plant.

discharge to the sewerage system. The permittee is responsible for notifying the City within thirty (30) days of a facility name change.

L. Other Requirements

The permittee shall comply with all other applicable requirements, limits, and general prohibited discharge standards as specified in the City of Waukesha Municipal Code, Chapter 29.

1. Permit Fees

The user shall pay the City:

- a) An initial permit fee
- b) A re-issuance permit fee
- c) Sampling and handling fees
- d) Analytical charges

2. All charges shall be due within 30 days of receiving an invoice from the City.

VI. Special Conditions

In addition to compliance with previously stated requirements, this permit is issued conditioned upon compliance with the following special conditions. Violation of any permit condition below, either alone or in conjunction with a violation of any terms of this permit, shall be an adequate basis for the revocation of this permit.

A. Compliance Schedule

1. Background and Implementation

In certain instances, the permittee may be required to provide or upgrade necessary wastewater pretreatment as required by Section 29.03(4), Chapter 29 of the City of Waukesha Municipal Code. In order to comply with the effluent limitations identified in Part 1, Sections 1 and 3 of the permittee's Industrial Wastewater Discharge Permit in a reasonable time period, a compliance schedule may be required to delineate a pollution control strategy or phases for construction and/or installation of pollution control technology. The compliance schedule may be developed by the Control Authority or by the permittee, and may be negotiated to ensure that the adopted schedule is achievable yet does not unduly prolong a period of noncompliance. The Control Authority shall retain the authority to develop or modify the schedule to include more stringent requirements in order to prevent or abate a prohibited or limited condition as defined in Section 29.03(3), Chapter 29. The schedule shall include a brief sequential list of the milestone activities required, specific completion dates, and progress report due dates for each milestone on the schedule. After the proposed schedule is developed, the Control Authority may schedule an enforcement conference with the Director of Public Works and the permittee. The Control Authority shall then issue to the permittee a consent order containing the compliance schedule, reporting requirements, and penalties for violations.

All permit-required sampling shall be conducted, even during the period in which the compliance schedule is in effect, except that the requirement for resampling following exceedances of parameters listed in the consent order shall be temporarily waived. Any fines directly associated with ongoing exceedances shall be suspended, and may be

ninety (90) days after the date on which wastewater is first discharged to the City of Waukesha Wastewater Treatment Plant. This requirement applies to new sources and sources that become industrial users subsequent to the compliance date for an applicable federal categorical standard. The report shall include the information listed in the Wisconsin general pretreatment requirements, Chapter NR 211.15 (1)(d) to (f). The report should follow the format and content of the BMR example found on the City's Wastewater Treatment website.

I. Toxic Organic Management Plan (TOMP)

The Federal pretreatment requirements establish limits for total toxic organic (TTO) compounds that are listed for the metal finishing point source category (40 CFR Part 433.11e). In lieu of analysis, an alternative mechanism for demonstrating compliance with the TTO standard is implementation of a Toxic Organic Management Plan (TOMP) and certification of compliance. In order to employ the compliance certification statement found on the semi-annual PCR form, users classified as categorical metal finishers shall submit an approved TOMP to the Pretreatment Coordinator. Guidance for preparing a TOMP can be found on the City's Wastewater Treatment website. The permittee should evaluate and update the TOMP every other year.

J. Changed Discharge Reporting

The permittee shall notify the City at least ninety (90) days prior to the generation or discharge of any new wastewater sources or pollutants, or any substantial ($\pm 20\%$) change in the volume or characteristics of existing waste streams discharged.

K. Permit Re-Application

The permittee shall re-apply annually to renew the wastewater permit for the upcoming year. The re-application form shall be provided to the permittee by the City, and shall be due annually on or before December 15.

L. Signatory Requirement

All reports required by this permit shall be signed by the facility's principal executive officer or his designee. "Principal executive officer" is defined as "a responsible corporate officer...president, secretary, treasurer, or vice-president of the corporation" or "any other person who performs similar policy- or decision-making functions". Signatory authority may only be delegated to another designee by filing a Signature Authorization Form.

M. Submittal of Reports

All reports required by this permit shall be submitted to the City at the following address:

Pretreatment Coordinator
City of Waukesha Wastewater Treatment Plant
600 Sentry Drive
Waukesha, WI 53186

III. Reporting Requirements

A. Periodic Compliance Reports (PCR's)

1. In accordance with 40 CFR 403.12(e) and the City of Waukesha Municipal Code, Chapter 29.03(7)(b), the permittee shall, after the effective date of this permit, submit to the Director of Public Works reports indicating the nature and concentration of pollutants in the effluent which are limited by the standards specified in Part I of this permit. The reports are due April 30th and October 31st unless required more frequently by the Director of Public Works. The reports shall include a record of daily flows during each reporting period. After considering certain circumstances, the Director of Public Works may agree to alter the months the above report is to be submitted. Chapter 29 can be referenced at www.ci.waukesha.wi.us/Code_Book/index.html.
2. The Director of Public Works may impose mass limitations on the user. In such a case, the above reports shall indicate the mass of pollutants regulated in the facility's effluent.
3. If the permittee monitors any pollutant more frequently than required by this permit, the results of such monitoring shall be submitted to the City with the applicable periodic compliance report.

B. Noncompliance Reports

1. General Noncompliance Report

If self-monitoring reveals violation of any discharge limitations specified herein, the permittee shall provide the following information in writing to the Pretreatment Coordinator within five working days of becoming aware of such condition:

- a) A description of the discharge and cause of noncompliance;
- b) The exact dates and times of noncompliance; and if not corrected, the anticipated duration of noncompliance, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

2. 30-Day Resampling Requirement

If self-monitoring reveals violations of any discharge limitation(s) specified herein, the permittee shall notify the Pretreatment Coordinator within 24 hours of becoming aware of the violation(s). The permittee shall sample that point of discharge for the violating parameter(s) and submit the results within thirty (30) days of becoming aware of said violation(s). Exceptions to the resampling requirement are listed in 40 CFR 403.12 (g)(2)(i) and (ii).

C. Hauled Wastewater Summary Reports

For all wastes subject to Federal categorical pretreatment standards that have been shipped off-site for disposal, the permittee shall submit a report listing the category, manufacturing process, volume, and destination of such wastes. The report shall be due semi-annually by January 31 and July 31 for wastes hauled during the previous semi-annual period.

D. Upset Reporting

As specified in Chapter 29.09 of the ordinance, the permittee shall notify the City within 24 hours of becoming aware of an upset experience by the facility of its treatment system that places

I. Applicable Pretreatment Standards

A. Waukesha Local Effluent Limitations

1. From January 1, 2008 through December 31, 2008, all wastewater discharged to the City of Waukesha sewerage system through Sample Point 76 shall not exceed the following local effluent limitations:

Parameter	Daily Maximum (mg/L)
Cadmium	0.69
Chromium	2.77
Copper	2.00
Lead	5.00
Nickel	1.67
Silver	5.00
Zinc	2.61
Cyanides (T)	1.20
Oil & Grease (Hydrocarbons)	100
pH	5.0 to 10.0 s.u.

- a) Sample Point 76 is the leachate lift station wet well.
 - b) The limits above are Waukesha's local limits. These limits were adopted June 2, 1992.
 - c) The final local limits apply to the total form of each metal and cyanide.
 - d) The limits above shall not be exceeded in a 24-hour period or over the period of discharge if less than 24 hours.
 - e) The final local limits shall apply to each outfall from an industrial or significant user.
 - f) The permittee shall not discharge any wastewater having a pH lower than 5.00 s.u. or in excess of 10.00 s.u., or having other corrosive properties capable of causing damage or hazards to structures, equipment or personnel of the Department of Public Works.
 - g) The facility shall meet all applicable local and Federal limits that may apply at each sample point. The local limits listed above may be superseded by any applicable Federal limit that is more stringent.
2. The permittee shall comply with all other applicable regulations and standards contained in the City of Waukesha Municipal Code, Chapter 29, Section 29.03.

B. Federal Pretreatment Standards & Categorical Effluent Limitations

Delafield Sanitary Landfill - DNR generates or discharges certain wastewaters which are also subject to regulation by the following Federal pretreatment standards:

40 CFR Part 403 - General Pretreatment Regulations for Existing and New Sources

There are no specific Federal effluent limitations associated with this standard.

waived upon successful completion of the compliance schedule, i.e., a demonstration that the discharge has returned to compliance. However, violations of the compliance schedule, reporting requirements, or other noncompliance may result in escalated enforcement, including but not limited to the levying of all suspended fines, issuance of additional fines, imposition of an administrative adjustment hearing, and ordering the suspension of discharges to the sanitary sewer until all deficiencies are corrected.

2. Milestone Compliance Progress Reports

Not later than 14 days following each milestone date on the compliance schedule, the permittee shall submit a written progress report to the Control Authority including no less than a statement as to whether or not it complied with the increment of progress corresponding to that milestone date. If the permittee is unable to meet any one or more compliance schedule milestone dates, this report shall include the following:

- a) The milestone that has been or will be violated
- b) The reason for the violation
- c) The remedial action being taken to return to the approved schedule
- d) The projected date the milestone will be met
- e) The probability of complying with subsequent milestones as scheduled

Failure to meet a milestone schedule date does not exempt the permittee from meeting subsequent milestone dates including the final milestone.

3. Compliance Schedule Violations and Enforcement

Failure to meet any milestone schedule date shall constitute a compliance schedule violation and shall be subject to the following enforcement actions:

- a) Missed milestones of up to thirty (30) days late that do not affect the final compliance milestone shall be subject to fines of up to \$250.00.
- b) Missed milestones of up to thirty (30) days late that affect the final compliance milestone shall be subject to a fine of \$500.00 and shall result in an administrative adjustment hearing.
- c) Failure to meet a milestone date within ninety (90) days after the schedule date shall place the user in Significant Noncompliance (SNC) and shall result in an additional fine of \$1,000.00 and inclusion in the City's annual publication of industrial users in SNC.

4. Reporting Violations and Enforcement

Any failure to submit progress reports as required constitutes a reporting violation and shall be subject to enforcement action which may include fines and an enforcement conference in accordance with the City's Enforcement Response Guidance Plan.

B. Industrial User Management Practices [Reserved]

C. Special Monitoring Requirements [Reserved]

E. Recording of Results

For each measurement or sample taken for the requirements of this permit, the permittee shall record the following information:

1. The exact date, place and time of sampling
2. The dates the analyses were performed
3. The person(s) who performed the analyses
4. The analytical technique or methods used
5. The results of all required analyses

F. Falsifying Information

Knowingly making any false statement on any report or document required by this permit or knowingly rendering any monitoring device or method inaccurate may result in punishment under the criminal laws of Wisconsin as well as subjection to civil penalties.

G. Penalties and Fines

Fines and penalties shall be levied in accordance with Chapter 29 of the City of Waukesha Municipal Code and the City's Enforcement Response Guidance Plan.

H. Permit Modification or Revision

1. The terms and conditions of this permit may be subject to modification by the City at any time as identified in the City of Waukesha Municipal Code, Chapter 29.04 (3). Any new conditions in the permit shall include a reasonable time schedule for compliance.
2. The permit may also be modified to incorporate special conditions resulting from the issuance of a special order.
3. The City may alter the monitoring frequency at its discretion to insure compliance by the permittee.

I. Dilution

No user shall increase the use of potable or process water in any way, nor mix separate waste streams for the purpose of diluting a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations in the categorical pretreatment standards, in the City of Waukesha Municipal Code, Chapter 29.03, or any other pollutant-specific limitation developed by the City, State, or Federal government.

J. Proper Disposal of Pretreatment Sludges

The disposal of sludges generated within wastewater pretreatment systems shall be carried out in accordance with applicable State and Federal regulations, namely Chapter 405 of the Clean Water Act and Subtitles C and D of the Resource Conservation and Recovery Act and equivalent State regulations.

K. Permit Transfer and Facility Name Changes

Permits are issued to a specific user for a specific operation and as such are not assignable to another user or transferable to any other location without prior written approval of the City. The sale of a user shall obligate the purchaser to seek prior written approval of the City for continued

Priorities

Updated: 1/7

	A	B	C	D	E	F
1						
2	Description	Who	Comment	Begin Date	Plan Complete	Completed
8	SOP, sanitize.	SJ	Wally accept?	December	01/08/09	
9	Update Training Plan	SB	Include Clipper, firm DVAR date (JK). Consider Solar after business decision. WA training be scheduled after CM training by Engineering per BK..		01/30/09	
10	Performance Evaluations	SB	Complete PR and CP	December	01/30/09	
11	SOP	SB	Due diligence and contingency sourcing...establish procedure	01/05/09	?	
12	SOP - Review edits for required documents.	SB	Include 2 e-mails from Phil Day	December	?	
13	Approvals Anticipated	SB/SJ	Ask Nick what else should be considered to change.	01/05/09	?	
14	Is Procurement to have responsibility for COI maintenance? If yes when?	SJ	Establish maintenance procedure and edit SOP.	December	?	
15	Expanded Financial Report. Determine if/what elements should be included.	SJ	Follow-up with Wally. Create form to support evaluation by Finance for Due Diligence process.	December	?	
16	Review Job Description for Construction Buyer. Support communication to Wally on any edits recommended.	SJ	Need for aligning responsibilities with Material Coordinator	December	?	
17	Establish high level savings plan for each major supplier in AP file. Make key distributors a priority (SJ).	SJ	File created and initial plan started. Assign PR identification of material savings candidates.	December	?	
18	Approval Rider Training	SJ	Per Wally on hold.	October	?	
19	Cranne Analysis/Monthly Report	SJ	What is objective	January	?	
20	Emergency Procurement phone #	JK	Review and decide	December	?	

SI

Priorities

Updated: 1/7

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City of Burlington Leachate Acceptance Agreement
(Veolia and the City of Burlington is in the process of renewing this Agreement)



CITY OF BURLINGTON
DEPARTMENT OF PUBLIC WORKS
WATER/WASTEWATER UTILITIES

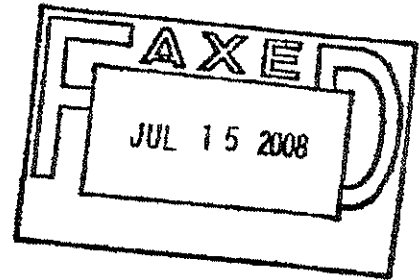


6551 SOUTH PINE ST.
BURLINGTON, WI 53105

WASTEWATER (262) 539-3646
WATER (262) 342-1173
FAX (262) 539-3648

July 15, 2008

Mr. Frank Perugini
E.S.C.
W125 S9808 N. Cape
Muskego, WI 53150



RE: Emerald Park Landfill Leachate

Dear Mr. Perugini,

Please be advised that the City of Burlington Wastewater Treatment Plant will accept and treat the leachate generated at the Emerald Park Landfill at the price of \$0.025 per gallon for the remainder of 2008.

The City requires semi-annual testing for total metals and PCB's.

The City reserves the right to limit the quantity of leachate hauled to the treatment plant.

In addition, only permitted haulers can deliver waste to the City's treatment plant. Permits are good for one (1) year, renewable by July 31st of each year, with an annual permit fee of \$100.00.

Please feel free to contact me with any questions or concerns.

Sincerely,

Connie Wilson

Connie Wilson
Utility Manager

CW/kp

